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(54) Title: SURROGATE CELL GENE EXPRESSION SIGNATURES FOR EVALUATING THE PHYSICAL STATE OF A SUBJECT

(57) Abstract: The present invention relates to non-invasive and minimally invasive techniques for evaluating the physical state of a subject, including diagnosing a disease, disorder, or physical state of the subject, determining the prognosis of the subject, determining a subject's susceptibility for a disease, disorder, or physical state and determining, developing and monitoring treatment for the same. The invention also relates to identifying genetic alterations contributing to, or susceptibility for, development of a disease, disorder, or physical state, and for diagnosis, prognosis and treatment of the disease, disorder, or physical state.

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